

ABSTRACT

An oscillator circuit is described comprising of a capacitor; a capacitor charging means arranged to supply a current to charge the capacitor to a first predetermined threshold voltage; a capacitor discharging means arranged to discharge the capacitor to a second predetermined threshold voltage; and a switching means arranged to switch between a capacitor discharging mode and a capacitor charging mode. The switching means is responsive to the capacitor reaching at least one of said threshold voltages. Furthermore at least one threshold voltage is determined by a threshold setting means, which provides a voltage threshold that varies to compensate for changes in temperature.